



Clear-Pond

Buffered Alum

For use in small bodies of water including ornamental, farm, fish, industrial and golf course ponds.

Clear-Pond WILL:

- Clear suspended solids from the water
- Strip dissolved phosphorus from the water
- Bind sediment phosphorus preventing internal recycling
- Lower pond productivity

Clear-Pond WILL NOT:

- Harm fish, wildlife or humans
- Control or kill weeds and algae
- Change the color of the water
- Limit water uses including irrigation, swimming or fishing

In most ponds phosphorus is the plant nutrient in shortest supply. As phosphorus levels increase in the water, pond productivity also increases. Lowering phosphorus levels in the water lowers pond productivity. Phosphorus enters the water from external sources and internal recycling from bottom sediment. External sources of phosphorus include rain water runoff, septic tank discharge, water fowl droppings and atmospheric deposition. Internal recycling occurs when

phosphorus is released from bottom sediment under low oxygen conditions. Clear-Pond buffered alum will strip phosphorus from the water and bind it in a form which is unavailable to plants. This binding of phosphorus is strong enough to prevent internal recycling from bottom sediment over a wide range of pH and is independent of dissolved oxygen levels. This binding of phosphorus will significantly lower the productivity of your pond.

Amount to use:

One 40 lb. container of Clear-Pond buffered alum will treat 43,560 cubic feet or one acre-foot of water. To be fully effective the entire pond should be treated. To calculate the amount of material required to treat your pond, estimate the surface area in acres and multiply by the average depth in feet. Estimate average depth by dividing the deepest point of the pond in feet by 2. For example, a 1.5 acre pond with a maximum depth of 8 feet holds six acre-feet of water and will require six 40 lb. containers of Clear-Pond.

$$1.5 \text{ acres} \times \frac{8 \text{ feet}}{2} = 6 \text{ acre-feet}$$

Application:

For best results, apply on a calm day. Each container of Clear-Pond contains one bag of Part A (the ALUM) and one bag of Part B (the BUFFER). Apply Part A first. Apply as much Part A as you can in twenty minutes. Then spread a proportional amount of Part B over the same area. Continue this way until the entire amount to use has been applied. Do not mix Part A and Part B, this will reduce floc formulation.

Broadcast the dry powder thinly and evenly over the surface of the water by hand, a scoop, or commercial broadcaster. Parts A and B are soluble in water and can be dissolved in clear pond water and applied as spray. Treat the entire pond. Continue to apply any remaining material in the same manner over the pond until the entire amount is used. Within a few minutes of adding Part B a floc will form, causing the suspended particles present in the water to clump together and settle to the bottom. Full clearing may take several days.

Floating Weeds:

Before treating with Clear-Pond buffered alum, mats of Filamentous Algae, Duckweed or other floating weeds should first be removed by mechanically raking from the water or by treating ahead of time with an approved algaecide or herbicide.

Planktonic Algae:

When water clarity is less than 24 inches due to algal bloom, better results will be achieved by treating with an algaecide first. Apply with Clear-Pond when the algae bloom subsides.

Permits:

Application of this product may be restricted or require a permit in some states. Check with state and local authorities.

ACTIVE INGREDIENTS:

Aluminum Sulfate:	50.0%
Sodium Bicarbonate:	50.0%
Total.....	100.0%

Treats 43,560 cubic feet or 1 acre-foot

Net Contents: 40 Pounds